NorthWest Arkansas Community College
Division of Business & Computer Information

TRLG 2043 Logistics Management (S)

Catalog Description:
This course provides students with an appreciation of the concepts and issues in strategic supply chain and logistics management and the skills needed to solve specific types of logistics problems. This course will cover both strategic as well as operational issues in logistics management. Topics covered include strategic principles in logistics management, logistics systems design, logistics customer service, logistics information systems, and order processing. Recent developments such as third party logistics, quick response/efficient consumer response, cross docking etc. will also be covered.

Prerequisite:
MATH 1204 or MATH 1003 or MATH 1103 and TRLG 1013 with a grade of "C" or better.

Credit Hours/Contact Hours/Load Hours:
3/3/3

Target Audience:
This course is for students interested logistics management and is designed for students seeking the AAS Degree in Business Management with the logistics management option. This course WILL NOT transfer to the Walton College of Business and might not transfer to other 4-year institutions.

Student Learning Outcomes:
Students completing this course will:

- Define basic terminology used in the logistics field.
- Explain how customer value can be created through logistics.
- Illustrate how logistics is related to other key processes within business.
- Diagram the individual components of logistics and their interrelationships within the supply chain.
- Arrange the functions comprising logistics and explain how they can be managed as a system to reduce total cost.
- Explain how logistics affects customer service, corporate performance and competitive advantage.
- Evaluate effective strategies for logistics managers to improve corporate performance while simultaneously increasing customer service.

- Apply cost/benefit analysis of various logistics functions to determine appropriate course of action.

Topics:

- Overview of logistics management
- Logistics environments
- Global logistics
- Logistics information systems
- Inventory in the logistics system
- The transportation system
- Warehousing decisions
- Facility location
- Logistics quality
- Organization of the logistics function
- Logistics strategy.

Forms of Assessment:

Written exams, quizzes, projects, presentations, exercises, and case studies.